

TEXAS COMMISSION ON ENVIRONMENTAL QUALITY

e-mail address for applications: jobs@tceq.texas.gov
Physical Address - 12100 Park 35 Circle, Bldg. A
Mailing Address - P.O. Box 13087/MC-116
Austin, Texas 78711-3087
(512)239-0102

Internet: www.tceq.texas.gov

Fax: (512)239-0111

State Title: **Systems Analyst III**

Functional Title:

Job Posting: **13091**

Monthly Salary: \$3639.41

Posting Date: 01/08/2013

Close Date: 01/23/2013

Section/Division: Surface Water Quality Section/ Water Quality Planning Division

Work Location: 12100 Park 35 Circle, Austin, TX 78753

Openings: One(1)

Position #(s): 3615

Job Description:

Coordinates the development of information technology (IT) tools for the management of surface water quality assessment information for the Water Quality Planning (WQP) Division of the Texas Commission on Environmental Quality (TCEQ). Performs or directs the design and documentation of processes used to manage data associated with the results of water quality data assessments, using appropriate computer software (Microsoft Access) and tools according to TCEQ guidelines for assessing and reporting water quality in Texas. Develops and maintains spatial databases and Geographic Information Systems (GIS) to support water resource management and the assessment of water quality data for the TCEQ. Coordinates with other programs within the TCEQ to develop IT processes and tools to track data, facilitating water quality management activities and supporting decisions for WQP. Develops and implements improved software processes, including requirements gathering, configuration management, testing, quality assurance, peer reviews, and technical solutions. Communicates with customers, management, consultants, and staff to disseminate information concerning the results of water quality assessments and spatial data. Develops and maintains knowledge of water quality data management and analysis.

Minimum Qualifications:

Four years of full-time experience in computer or GIS programming and/or systems or spatial analysis, two years of which must have been as a Systems Analyst, Programmer, Programmer Analyst, or Spatial Analyst.

OR A bachelor's degree from an accredited college or university with 12 semester hours in Management Information Systems, computer science, GIS, or a related field (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus three years of full-time experience in computer or GIS programming and/or systems or spatial analysis, two years of which must have been as a Systems Analyst, Programmer, Programmer Analyst, or Spatial Analyst.

OR Completion of 30 semester hours (600 clock hours) in computer science or GIS from a licensed vocational, technical, or business school or accredited college (COPY OF OFFICIAL TRANSCRIPT REQUIRED WITH APPLICATION), plus three years of full-time experience in computer or GIS programming and/or systems or spatial analysis, two years of which must have been as a Systems Analyst, Programmer, Programmer Analyst, or Spatial Analyst.

CAREER LADDER PROGRESSION: One year of full-time TCEQ experience as a Systems Analyst II.

Preferred Requirements:

Experience working with relational database design/theory and/or data modeling techniques.

Experience in data management, data summarization, data validation, data manipulation techniques, and/or quality assurance and quality control procedures for environmental data.

Experience using Structured Query Language, visual query building tools, and/or database reporting software.

Experience using GIS mapping software.

Experience working with water quality data.

Special Requirements:

Moving up to 35 pounds of computer equipment, paper, files.

Traveling up to 2% of the time.

The agency will review the applicant's driving history in connection with the use of a vehicle in the performance of the job.

Condition of Employment:

TCEQ will verify Selective Service registration for males born on or after January 1, 1960. If exempt from Selective Service registration selected candidate must provide proof of exemption on first day of employment.

Offers of employment are contingent on the candidate having legal authorization to work for the TCEQ.

TCEQ will conduct a criminal history records search on candidates selected for posted vacancies.

Only applicants who are interviewed will receive written non-selection notification.

Submit a standard State of Texas application for **each job posting** to the Texas Commission on Environmental Quality, Human Resources & Staff Development (HRSD) office by 5:00 p.m. on the closing date. A signed faxed or emailed copy is acceptable. In compliance with ADA, if you need any special accommodations during the employment process, please contact HRSD for assistance.

Texas Commission on Environmental Quality is an Equal Opportunity Employer